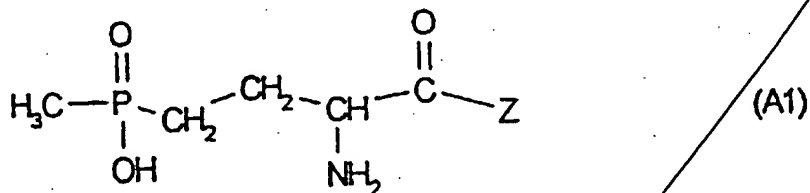


--11. The use of herbicide combinations for controlling harmful plants in sugar beet crops, wherein the herbicide combination in question comprises a synergistically effect content of

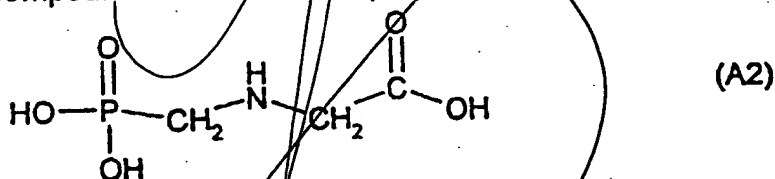
(A) a broad-spectrum herbicide from the group of the compounds consisting of

(A1) compounds of the formula (A1)



in which Z is a radical of the formula -OH or a peptide residue of the formula -NHCH(CH<sub>3</sub>)CONHCH(CH<sub>3</sub>)COOH or -NHCH(CH<sub>3</sub>)CONHCH[CH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>]COOH, and its esters and salts, and other phosphinethricin derivatives,

(A2) compounds of the formula (A2) and their esters and salts,



(A3) imidazolinones and their salts,

and

(B) one or more herbicides from the group of the compounds consisting of

(B1) ethofumesate, chloridazon, triflurosulfuron and its esters and metamiltron or

(B2) desmedipham, phenmedipham, quinmerac and clopyralid and their salts or

(B3) quizalofop-P, quizalofop, fenoxaprop-P, fenoxaprop, fluazifop-P, fluazifop, haloxyfop, haloxyfop-P, cyhalofop and salts and esters of the last-mentioned nine active ingredients and clodinafop and its esters and propaquizafop or

(B4) sethoxydim, cycloxydim and clethodim

or from among herbicides of more than one of groups (B0) to (B4)

and the sugar beet crops tolerate the herbicides (A) and (B) which are present in the combination, if appropriate in the presence of safeners, with the exception of the use of herbicide combinations

- a) of compound (A1) in combination with the compound propaquizafop or clodinafop or its esters,  
b) of a compound (A2) in combination with the compound propaquizafop, clodinafop or its esters, triflurosulfuron or its esters, metatritron, chloridazon or clopyralid or its salts.

12. The use as claimed in claim 11 wherein glufosinate-ammonium is employed as active ingredient (A).

13. The use as claimed in claim 11 wherein glyphosate-isopropyl-ammonium is employed as active ingredient (A).

14. The use as claimed in claim 11 wherein one or more herbicides from the group consisting of (B0) one or more structurally different herbicides from the abovementioned group (A) or (B1) ethofumesate or (B2) desmedipham, phenmedipham, quinmerac and their salts or (B3) fenoxaprop-P, fenoxaprop, fluazifop-P, fluazifop, haloxyfop, haloxyfop-P, cyhalofop and salts and esters of the last-mentioned seven active ingredients or (B4) sethoxydim, cycloxydim and clethodim or from among herbicides of more than one of groups (B0) to (B4) are employed as component (B).

15. The use as claimed in claim 11 wherein the herbicide combinations are used in the presence of further active ingredients used in crop protection.

16. The use as claimed in any of claim 11 wherein the herbicide combinations are used together with auxiliaries conventionally used in crop protection and formulation auxiliaries.

17. A method of controlling harmful plants in tolerant sugar beet crops, which comprises applying the herbicides or herbicide combination as defined in claim 11 jointly or separately, pre-emergence, post-emergence or pre- and post-emergence to the plants, plant organs, plant seeds or the area under cultivation.

18. Herbicidal composition which comprises a combination of one or more herbicides (A) as defined in claim 11 and one or more herbicides from the group

(B1') ethofumesate, chloridazon, triflusaluron and metatritron or

(B2') desmedipham, phenmedipham, quinmerac and clopyralid or

(B3') quizalofop-P, fenoxaprop-P, fluazifop-P, haloxyfop, haloxyfop-P and cyhalofop and their salts and esters or

(B4') sethoxydim, cycloxydim and clethodim or

a combination of more than herbicides of groups (B1') to (B4') and, if appropriate, additives and formulation auxiliaries conventionally used in crop protection

with the exception of herbicidal compositions with herbicide combinations of a compound (A2) in combination with the compound triflusaluron or its esters, metatritron, chloridazon or clopyralid or its salts.

19. Herbicidal composition which comprises a combination of one or more herbicides (A) as defined in claim 11 and one or more herbicides from the group

(B1') ethofumesate or

(B2') desmedipham, phenmedipham and quinmerac or

(B3') fenoxaprop-P, fluazifop-P, haloxyfop, haloxyfop-P and cyhalofop and their salts and esters or

(B4') sethoxydim, cycloxydim and clethodim or

a combination of more than one herbicides of the groups (B1') to (B4') and, if appropriate, formulation auxiliaries and additives conventionally used in crop protection.

20. ~~Herbicide composition which comprises a combination of~~  
glufosinate-ammonium and one or more herbicides from the group

(B1') ethofumesate, chloridazon, triflursulfuron and its esters and  
metamitron,

(B2') desmedipham, phenmedipham, quinmerac and clopyralid and their  
salts or

(B3') fenoxaprop-P, fluazifop-P, haloxyfop, haloxyfop-P and cyhalofop and  
their salts and esters or

(B4') sethoxydim, cycloxydim and clethodim or

a combination of more than one herbicides of the groups (B1') to (B4') and,  
if appropriate, formulation auxiliaries and additives conventionally used in  
crop protection. --